



Steve Hunt, Jens Mahler retire

Associate Director For Laboratory Services Steve Hunt will retire today after a long and illustrious career at the Laboratory. Hunt has been the associate director for Laboratory Services since June 2001.

“I would like to thank Steve for his years of service and many contributions to the Laboratory,” said Director Michael Anastasio. “Steve’s leadership and innovative ideas have changed the landscape of Laboratory operations and significantly contributed to mission success.”

Hunt was honored at a special reception held in the West Café Thursday afternoon. Glenn Mara, deputy director for Operations, cited Hunt’s integrity and boundless energy, “You’ve touched each and every one of us and made the Laboratory a better place.”

Phil Schultz, the Lab’s chief financial officer, said, “Steve and I have worked together for a long



JACQUELINE MCBRIDE/NEWSLINE

From left: Steve Hunt is presented with a plaque from the Director’s Office by Deputy Director for Operations Glenn Mara.

time. Our work styles were different, but our goals were the same. He always sought to do the right thing for the Laboratory in the long run. He didn’t

See **RETIREMENT**, page 8

Israeli expert discusses role of state sponsorship in global terror attacks

By Stephen Wampler

NEWSLINE STAFF WRITER

State sponsorship is at the core of world terrorism, an Israeli counter-terrorism consultant stated this week.

Yoram Schweitzer, a researcher for the Israeli Army and a consultant to the Sydney and Athens Olympics Games, spoke to Lab employees Monday and Tuesday.

His talks, one on how terrorists operate and the other on suicide terrorist attacks, were sponsored by the Laboratory’s Center for Global Security Research (CGSR). The CGSR sponsored the talks as a part of its research in examining various causes and sources of

See **CGSR**, page 7

Controlled East Avenue access set for mid-July

By Don Johnston

NEWSLINE STAFF WRITER

Controlled access to the East Avenue corridor between the two national laboratories is scheduled to go into effect in mid-to-late July.

Installation of the security kiosks at the east and west ends of East Avenue and construction of the public bus stop and transfer point for internal shuttle services at the corner of East Avenue and Vasco Road are nearing comple-

See **EAST AVE**, page 8

August Symposium seeks to strengthen role of Laboratory women in UC community

By Linda Lucchetti

NEWSLINE STAFF WRITER

Laura Gilliom, Laboratory director of the University Relations Program, has taken on the challenging task of leading the 2003 Women’s Technical Symposium (WTS), organized and run by LLNL women, and slated for August 12-13 at the San Ramon Valley Conference Center.

With Jan Tulk, Laboratory associate director for the Administration and Human Resources Directorate, as WTS co-chair, Gilliom is applying her university ties to foster this year’s symposium entitled, “Our University of California (UC) Colleagues and Connections.”

SYMPOSIUM, page 7

Race of a lifetime



National Ignition Facility contractor and rookie solo racer Rick Ashabanner, center holding his daughter Megan, celebrates with his wife Irene, to his right, after placing fifth in the Race Across America. He completed, the 2,690-mile bicycle journey that traverses the continental United States in nine days, 22 hours and 50 minutes. Also pictured are his crew members and fellow Lab employees, John Illige, far left; Rickey Hines, second from left; and Tony Lee, right of Ashabanner.



Power from clusters

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Interpreting her world

— Page 5



— Insert



LAB COMMUNITY NEWS

Weekly Calendar

Technical Meeting Calendar, page 4

Friday
27

A **power upgrade** is expected to impact Open LabNet (OLN). The upgrade takes place today from 7:00 p.m. to 2:00 a.m. At that time the AC power distribution in

Bldg. 256 will undergo a major upgrade to enable an increased level of capacity and reliability. This work involves the installation of two new DC-to-AC inverter systems and new wiring associated with the upgrade. Actual disruption to network services is expected to last 30-60 minutes. If you have further questions regarding the outage, contact Matt Dralle, Open LabNet, 2-4896.

Monday
30

The Benefits Office will continue the brown-bag series on how you can enhance your financial security by participating in the **Tax-Deferred 403(b)**

program. The next session will be held today from 12:15–1:15 p.m. in Bldg. 571, conference room 2301; additional sessions will be held on the last working day of each month (excluding November and December) throughout 2003. Attendance is open and no pre-registration is required. Bring your lunch and your questions. For additional information about benefit services or events, please see the Website.

Session 2 of **LLESA's Swim Lesson Program** begins today; space is still available for lessons in most levels. Register in advance for lessons in the LLESA office (Bldg. 415, room 142). Recreational swimming is available (\$4 per person) for Lab employees, LLESA members, sponsored members and their families, Monday-Friday, 2- 6:45 p.m. For more information, call the LLESA Office at 2-9402.

Tuesday
1

A **Fidelity retirement counselor** will be available today, Wednesday and July 15–16 to assist you with: Assessing the current

state of your retirement accounts, learning how to diversify, planning your asset allocation, and identifying income strategies. If you would like to set up a 1:1 consultation with a Fidelity representative please call 800-642-7131. When calling, be sure to specify that you are an LLNL employee.

BROADCAST SCHEDULE

LAB TV

The televised rebroadcast of the Jennet Conant talk on **"Tuxedo Park: The Secret Palace of Science That Changed the Course of World War II"** will be on Tuesday, July 1, and the following Tuesday, July 8. Viewing times will be 8am, 10am, 12 noon, 2pm, 4pm, 6 pm and 8pm on Lab channel 2.

IN MEMORIAM

Maria Bartelt

Maria Bartelt, physicist and scientific capability leader for Computational Materials Science in the Chemistry and Materials Science Directorate, died on June 23. Bartlet had been battling non-Hodgkins lymphoma for more than a year. She was 41.

Bartlet started her career as a research assistant at the Universidade de Aveiro in Portugal where she received her diploma in theoretical solid state physics in 1984 for her work on amorphous systems. She received her master's degree in physics in 1989 and her Ph.D. in physics in 1991 from Clarkson University. She was awarded the Graduate Student Distinction Prize and membership in the FKF Honor Society for her work on surface and size effects in statistical mechanics, particularly irreversible adsorption, polymers, and interfaces.

After receiving her degree, Bartlet became a postdoctoral research associate at Iowa State University in Ames, Iowa, until 1996. She then became a physicist in the Computational Materials Science Department at Sandia National Laboratory. She joined LLNL in 2000, where she continued her work on dislocation dynamics and became increasingly involved in simulating the growth of molecular crystals under near-equilibrium conditions from solutions. Most recently, she was working on a kinetic Monte Carlo approach to predicting the templated nucleation and growth of macromolecular structures formed at nanoscale chemical patterns on surfaces. She remained an associate scientist for the Institute for Physical Research and Technology at Iowa State.

During the course of her productive career, Bartlet published more than 70 journal articles, book chapters and proceedings, delivered many invited talks at national and international conferences, and organized numerous symposia. She was a recognized leader in her field.

Bartlet is survived by her husband, Tim; her twin sister, Maria de Fátima Taveira Pires de Carvalho; sister, Dalila Carvalho; mother, Arcilia Gomes Taveira, and her beloved parrot, Spike.

A remembrance service in her honor is scheduled for Saturday from 2 to 4 p.m. in Bldg. 6525 near the Lab's Eastgate.

Joseph Henry Ryland

Joseph Henry Ryland, a resident of the Livermore area for close to 25 years, died Monday, June 16, in Carmichael. He was 84.

Ryland was born Dec. 5, 1918, in Los Angeles. He served in the U.S. Army during World War II in the 65th Combat Engineer Infantry Division and in Army intelligence during the Korean War. After his service, he frequently attended his division's reunions to renew friendships.

Before moving to Roseville two years ago, Ryland lived in Livermore. He worked at the Laboratory as a coordinator in the Mechanical Engineering Department until his retirement in 1981.

Ryland's favorite pastime was ballroom dancing with his wife. The couple enjoyed dancing so much that they added a dance room to their home. He also enjoyed gardening.

Ryland is survived by his wife, Ida May Ryland; sister, Mary Jane Appel of Sacramento; children, Kenneth Ryland of Antioch, Sharon Sayward of Maine, Sandra Lewis of Nova Scotia, Canada, Clifford Ryland of Roseville, Larry Ryland of Vacaville and Lynn Parsons of Texas; his stepchildren, Heidi

Rhoades of Auburn, Claudia Beck of Auburn, Greg Oliver of Newcastle, and Jeff Oliver of Galt; and 21 grandchildren.

Services were private and were handled by Cochrane's Chapel of the Roses in Roseville.

Sally Mooney

Sally Mooney, 66, a resident of Tyler, Texas, died June 3. She was 66.

Mooney was born Oct. 3, 1936, in Santa Rosa, to George and Verba Sampson.

She worked at the Lab for 28 years in the Computation Directorate. She was in the original keypunch computer group at the Lab. She moved to Tyler in 1980.

She is survived by her husband, R.J.; son, Dale Mooney of New Brighton, Pa.; brother, Skip Bradlee of Oakley; an uncle; one nephew; nieces; and cousins.

Services were held earlier this month. Donations may be sent to the Tyler Cancer Center, Attn: Jane Ellen Morris, 910 E. Houston, Tyler, Texas 75702.

James George Shaw

James George Shaw of Topeka, Kan., died Monday, June 23, at his home. He was 70.

He was born in Horton, Kansas on Dec. 17, 1932 to Earl A. and Jean Snedden Chalmers Shaw.

He graduated from Cal State Hayward with a bachelor's degree in mathematics. He worked at Pacific National Bank in San Francisco before working as a scientific computer programmer at the Laboratory. He retired in 1990.

Shaw served overseas in the U.S. Army during the Korean Conflict. He was a member of Faith Lutheran Church in Topeka.

He is survived by his wife, Mary Tero; a niece; and a nephew.

Military graveside services will be held at 10 a.m. today at Mount Hope Cemetery. A memorial service will follow at 11 a.m. at Faith Lutheran Church.

Memorial contributions may be made to Faith Lutheran Church or the American Heart Association.

Editor's note: Obituary information should be sent to newsline@llnl.gov or faxed to 2-9291.

Newsline

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AROUND THE LAB



The Cluster experience



BOB HIRSCHFELD/NEWSLINE

Fashionably attired in black “Linux at Livermore” polo shirts, a crew of Lab computer experts staffed the LLNL exhibit booth at this week’s ClusterWorld conference at the San Jose Convention Center. Pictured from left: computer scientist Chris Morrone, computer system administrator Makia Minich, computer scientist Richard Hedges, and Linux systems programmer Mark Grondona. Technical presentations by Lab personnel included Robin Goldstone discussing “Achieving Order through CHAOS: The LLNL High Power Computing Cluster Experience” and Morris Jettte, who described the Lab’s “Simple Linux Utility for Resource Management (SLURM).”

Livermore heats up with Sizzlin’ Summer Science

Looking for something fun, free, and educational to do with your family this summer? How about some sizzling summer science to fill up a few sweltering July evenings?

Lawrence Livermore National Laboratory is offering a series of four free science lectures in the Livermore High School Performing Arts Theatre on Wednesday evenings in July. Entitled “Sizzlin’ Summer Science,” the series promises to be a total family experience — geared for middle and high school students. Featured topics will cover cutting-edge LLNL technology, exciting interactive demonstrations, and basic science concepts everyone can understand.

“These science presentations give families an activity they can do together during the summertime,” said Christine Mixan, lecture series coordinator.

“It’s a great opportunity for students to stay involved with science education when school is out, and it’s free entertainment for the whole family at the same time.”

A key feature of this summer lecture series is

the question-and-answer period following each presentation. This gives audience members the unique opportunity to interact with the scientists. “We want to get the community excited about science and the research we are conducting at the Laboratory,” said Mixan.

“Sizzlin’ Summer Science” dates and topics include:

July 9 – “The Human Genome Project: What do your genes really do?” by Dr. Joanna Albala, senior biomedical scientist in the Biology and Biotechnology Program, LLNL.

Dr. Albala will conduct experiments using audience participation to demonstrate how a scientist uses genes to make proteins and how proteins are studied to understand cell function.

July 16 – “From CSI to Homeland Security: The many sides of forensic science” by Dr. Glenn Fox, director of the Forensic Science Center, LLNL. Get a first-hand look at devices used in forensics as Dr. Fox showcases several exciting technologies.

July 23 – “Protecting California’s Wildlife:



Endangered species in your own backyard” by Michael G. van Hattem, wildlife biologist, LLNL.

After the lecture, don’t miss your chance to get up close and personal with several intriguing animals available for viewing.

July 30 – “What’s for Dinner? Avoid toxins lurking in your food” by Dr. Kristen Kulp, cancer researcher in the Biology and Biotechnology Research Program, LLNL. Join Dr. Kulp as she performs demonstrations to illustrate methods used to detect toxins. Learn quick and easy cooking techniques you can use to reduce exposure to harmful compounds.

All lectures are held in the Livermore High School Performing Arts Theater, 600 Maple Street, starting at 7:00 p.m. and ending at approximately 8:30. There is no pre-registration required. For more information, please call (925) 422-3138 or visit <http://www.llnl.gov/llnl/06news/Community/lecture.html>



MARCIA JOHNSON/IBIS

Wild goose chase

A pair of Canada geese take their four goslings out for a lunchtime stroll outside of Bldg. 551 West. The goslings are now seven weeks old. The family was relocated from the balcony of Bldg. 543 to the Drainage Retention Basin.. The family can often be seen commuting from the two locations and throughout the southeast quadrant, so a goose crossing sign has been placed on West Inner Loop. For more information about the geese, go to <http://eed-r.llnl.gov/geese.php>



NEWS YOU CAN USE

Summer program events: from counter-terrorism to supercomputers

Week of 6/30-7/3

With more than 600 summer interns in various fields around the Lab, there are numerous opportunities to expand on new talent and cultivate existing interests and skills. Many seminars, tours, and other events are offered daily to train, teach, and inspire new realms of thought for summer interns. Here's what's happening in the upcoming week:

Monday June 30

Molecular Targeted Radiation Therapy Research at LLNL (NSIP seminar)
This seminar will be held in the Bldg 155 auditorium at 2 p.m. Please Contact Lynda Allen at extension 2-1748 or visit the student bulletin board for more information.

Tuesday July 1

GRE Feedback/Strategy Workshop
Participants who attended the GRE session on June 24, 2003 will receive feedback relating to their performance on the GRE, as provided by a Kaplan instructor. Interested people may still attend the workshop even if they did not take the test on June 24, and can arrange to take the exam at a later date. This event is located in the Bldg 481 auditorium from 4–6 p.m. Please contact Dianne D. Gates-Anderson at extension 3-0447 for more information.

Forensic Science (MARA tour)
With the growing threat of nuclear production comes the need to determine the capabilities of nations in their present and future states. Information relating to the processing, procurement, diversion, and dispersion of special nuclear material, along with a discussion on chemical and nuclear explosives counter-terrorism will take place in Bldg 132N, room 1639 from 11:05 a.m.–12 p.m.

Please contact Barry Goldman at extension 2-5177 for additional information.

Wednesday July 2

The Hunt for Eric Robert Rudolph (Seminar)
Hear retired FBI officer Terry Turchie from the Counterterrorism Division speak. Turchie worked as the Inspector In Charge of the hunt for Top Ten fugitive Eric Robert Rudolph, who was wanted in connection with the Centennial Olympic Park bombing in 1996. He will speak on his experiences coordinating counter-terrorism planning and his current position as SAFE Program Manager, LLNL's Counterintelligence/Counter-terrorism Program. This event will be held in the Bldg 543 auditorium at 10 a.m. Please contact Maxine Trost at extension 2-5639 for more information.

Babel (ISCR seminar)
This seminar on Babel Technology, which is a language interoperability tool designed to mix codes in C, C++, Java, Python, Fortran77, and Fortran90 in a single process, will discuss Babel's solution strategy, comparing and contrasting it with other competing languages and programs. The seminar will be held in Bldg 219, room 163 at 1:30 p.m. Please contact Linda Bodtker at extension 3-0421 or Gary Kumpf at 4-2580 for additional information about this event.



Summer students at the Searching for Dark Matters Axion seminar and tour last year.

Thursday July 3

Local Winery (MARA social activity)
Join other interns and Lab employees for lunch at a local winery. This event not only provides an opportunity to experience the culture and beauty of the Livermore area, but also will be a great way to network and meet other interns. Please meet at Bldg 415, room 221 from 12–1 p.m. and contact Barry Goldman at extension 2-5177 if you would like more information.

Introduction to the BlueGene/L Computer (ITST Seminar)
This collaboration between the organizations of ASCI and IBM is working to construct BlueGene/L, a world-class supercomputer that aims to be both fast and inexpensive. Hardware and software features will be discussed, as will possible implications of its use in scientific realms. The seminar will be held at Bldg 219, room 163 from 3–4 p.m. Please contact Linda Bodtker at extension 3-0421 or Kim Yates at 4-3642 for more information.

Enjoy your Fourth of July Holiday!
For more information on events or to register for upcoming events please go to the student bulletin board online at: <http://education.llnl.gov/sbb/>

You must register online to attend all seminars and events.

Technical Meeting Calendar

Friday 27
GLENN T. SEABORG INSTITUTE
"An Outline of the Connections Between the Study of Isotopic Abundances on Small and Large Solar System Materials and Larger Scale Astrophysical Processes," by Gerald J. Wasserburg, California Institute of Technology. 2 p.m., Bldg. 155 auditorium (uncleared area). Contact: Lynda Allen, 2-1748.

ICF PROGRAM
"Computational Physics and Validation Group in the Flash Center," "Type II Supernova Models: Made in Germany," "Sgr A* and Sgr A East: Intimate Tale of the Galactic Center," by Tomek Plewa, University of Chicago. 9:30 a.m., Bldg. 219, room 163 (uncleared area). Contacts: Bruce Remington, 3-2712, or Louann Arredondo, 2-6710.

Monday 30
CHEMISTRY & MATERIALS SCIENCE, FRONTIERS IN CHEMISTRY AND MATERIALS SCIENCE
"New Approaches to Warm Dense Matter," by Roger Falcone, University of California, Berkeley. 3:30 p.m., Bldg. 235, room 1090 (uncleared area). Contact: Mike Fluss, 3-6665, or Kristine Ramirez, 3-4681.

Tuesday 1
CHEMISTRY & MATERIALS SCIENCE
"Using Small Molecular and Peptidic Ligands to Control Cell Expression," by Jeffrey Tok, City University of New York. 1:30 p.m., Bldg. 155 auditorium (uncleared area). Refreshments will be served. Contact: Dave Eaglesham, 2-0486.

NEW TECHNOLOGIES ENGINEERING
"Workplace Aerosol Measurement Research," by Paul Baron, National Institute for Occupational Safety and Health. 10 a.m., Bldg. 132S,

room 1784 (uncleared area). Contact: Werner Bergman, 2-5227.

Wednesday 2
ASTROPHYSICS
"Collisions and Near-Collisions Among Stars," by Peter Eggleton, LLNL. Noon, Bldg. 319, room 205 (uncleared area). Contact: Robert Fisher, 2-4302.

Thursday 3
CHEMISTRY & MATERIALS SCIENCE
"Organic and Polymeric Materials for Plastic Electronics," by Zhenan Bao, Bell Laboratories. 9:30 a.m., Bldg. 155 auditorium (uncleared area). Refreshments will be served. Contacts: Dave Eaglesham, 2-0486, or Julie Sedillo, 3-3506.

The deadline for the next Technical Meeting Calendar is noon, Wednesday.

NEWS OF NOTE



Interpreting the meaning of life after cancer

By Anne M. Stark

NEWSLINE STAFF WRITER

If you could capture Cathy McClain's energy and spunk in a vial, you might just find yourself on the edge of discovering a thermonuclear reaction...or at least an inspirational reaction.

A little more than a year after being diagnosed and treated for breast cancer, McClain is back at the Laboratory at her post as a sign language interpreter and manager of the Disabilities Service Program, and is as energetic as ever. On Tuesday, she shared bits of wisdom during her motivational talk "Who's on First?"

Though she just completed chemotherapy and radiation in March, McClain was more than willing to share her recent experience with the disease and how it heightened her awareness of the need for balance in life.

Using the Abbott and Costello "Who's on First" routine as an outline, McClain discussed three different phases she went through after her diagnosis and through her treatment and continues to live by now.

"So, who's on first?" McClain asked the audience. "Well, prior to cancer, that was everyone but me. I was a single parent, caretaker for my sick aunt, going to school and I was trying to juggle all these roles...but after being diagnosed, I learned it was OK to put me first. Society allows us the freedom to step out of our traditional roles."

She relayed a story about an old woman walking along the beach strewn with washed up starfish. She is slowly throwing the starfish back in the ocean. A passerby comes along and asks the woman what difference she's making when she's walking so slowly and throwing only one starfish at a time. The woman picks up a starfish, places it



JACQUELINE MCBRIDE/NEWSLINE

The Lab's Cathy McClain earlier this week discusses her experience and treatment of breast cancer.

right in front of the stranger's face and says, "It makes a difference to this one." She continues to do the same thing every time she picks up a starfish.

McClain pointed out how that starfish story related to her life. "I'm not trying to make this huge impact on the world, I'm trying to save one starfish. Once I was diagnosed with cancer, I was the starfish."

She said a virtual support group of breast cancer survivors helped her realize that she had an

opportunity through her treatment "to just be and not do. I've always been a doer. But now I had the opportunity to simply be and not do because once I started chemo, I didn't want to do."

After a long, hard cry after the initial diagnosis last June, McClain said she started doing research, meditating and reading to keep her mind off the treatment. Of the two times she said she got depressed, she would just look at all the gifts and cards from everybody.

"I would feel the love and it really did make a difference," she said. "It's the support and energy from everyone that gets you through it."

As McClain was going through her treatment, she would send email updates to friends and families about her progress. She said she started writing all the time and is even thinking of compiling those emails into a book.

"Writing was very therapeutic for me and much cheaper than therapy," she said.

Some of the many lessons learned from the cancer diagnosis and treatment included: pampering herself, realizing that less is more, everything in moderation (this applies to work, too), spreading the word of survivorship, and realizing that attitude is everything.

McClain's talk was part of the LLNL/SNL 2003 Cancer Awareness Campaign and was sponsored by the Lesbian, Gay, Bisexual, and Transgender Association and the Safety and Environmental Protection Directorate.

Upcoming Cancer Awareness Campaign events include a talk next Tuesday by Terry Healy titled "At Face Value," a talk July 10 about prostate cancer by Dr. Ted Holman, and a survivors and memorial walk on July 16. For more information about these events, contact Mark Costella, 2-8999, or costella2@llnl.gov.

BRIEFLY

Pollution prevention Website serves as resource for saving energy, recycling

A new pollution prevention (P2) Web page (<http://www-epd/p2/>) is now available on the Lab intranet. The Web page, sponsored by the Environmental Protection Department's Pollution Prevention team, is a resource for Lab employees on pollution prevention, energy efficiency, the reuse and recycling of materials, green building and other environmental topics.

Employees can also use the site to suggest P2 ideas, ask questions about P2 planning and implementation and find out about P2 current events.

For specific questions about the Web page, contact Katharine Gabor, 2-9790 or p2help@llnl.gov.

Spare the Air days are here

Today has been declared a Spare the Air Day by the Bay Area Air Quality Management District. Visit www.sparetheair.org/faq.htm to learn more about ozone air pollution and what individual actions can reduce air pollution in the Bay Area.

Although automobile use is the largest smog source, there are others as well. Avoid using aerosol personal care and cleaning products. Postpone household painting projects and garden tasks that use gasoline-powered equipment such as leaf blowers and lawn mowers. If you barbecue, start the coals in a chimney starter or with an electric starter. Don't use bar-

becue lighter fluid, which is another big polluter.

All passengers using the WHEELS buses in the Tri-Valley during Spare the Air days will ride free of charge. This pilot program is being conducted in Livermore, Pleasanton and Dublin because the Tri-Valley, due to wind, temperature and geographical conditions, continues to exceed federal and state air quality standards a few days each year.

Scheduled power outage set for next week

A scheduled power outage in Buildings, 615, 616 and 619 is set for Wednesday from 4:30 to 8:30 p.m.

All air conditioning, heating and elevators will be affected. This scheduled power outage is required to support circuit tie-in for the new Truck Inspection Station near the southeast portion of the Lab.

For questions, contact Mike Minard or Mark Cardoza at 2-1224

Talk looks at study of isotopic abundances on small and large solar system

Internationally renowned scientist Gerald J. Wasserburg, John D. MacArthur Professor (Emeritus), Geological and Planetary Sciences, California Institute of Technology, will address the Nuclear Science Internship Program at 2 p.m. Friday in the Bldg 155 auditorium. The talk is sponsored by Christine Hartmann-Siantar of the Glenn T. Seaborg Institute

Wasserburg has been a faculty member at

the California Institute of Technology since 1955. He is generally credited with developing high precision geochronology and was awarded the Crafoord Prize by the Royal Swedish Academy of Science in 1986 for his pioneering work in isotope geology. He is a Fellow of the American Academy of Arts and Science and has been a member of the National Academy of Sciences since 1971.

He will present the proposal by Qian and Wasserburg (2003 APJ) that the source of heavy r-process nuclei is not from massive supernovae but rather from the formation of neutron stars in binary systems by accretion induced collapse.

Course in workplace effectiveness offered to employees

The Seven Habits of Highly Effective People (ED7384) is a fun and thought-provoking workshop that will help you change the fundamental way you approach your job, relationships with others, and even problems. It will show you how to break common ineffective behaviors and tendencies, create high levels of trust, and develop strong interdependent relationships.

The workshop starts off with an hour orientation on July 29; the course will be held on Aug. 14, 19 and 21 at the Training Center. For additional information or to enroll, contact EODD Training at 2-4842. Or you may sign up online at LTRAIN (http://www-r.llnl.gov/es_and_h/ltrain).



CLASSIFIED ADS

See complete classified ad listings at
<https://www-ais.llnl.gov/newsline/ads/>

AUTOMOBILES

1999 - Corvette Coupe Loaded Silver 57,000 miles \$25,000.00 925-212-7231

1996 - mustang GT-leather-saleen wheels-power everthing-disc changer-new posi 3.73-high performance set up-many extras-new paint. \$12,000.obo. 925-292-4723

2001 - Suzuki Grand Vitara, 4WD,Auto,loaded,31000 miles,factory warranty, excellent cond. includes mounted snow tires, 12K/BO 510-487-6214

2000 - Black GIS Volkswagon Jetta. Sunroof, premium wheels, 6 disc changer 59,000 miles. \$11,000 925-447-5455

1987 - Saab 900 132K (commuting) solid car, needs minor work (a/c, radio), new tires. \$900 o.b.o. Alameda. 510-521-4266

1972 - Jeep CJ5. \$3500. 209-239-7888

1993 - Taurus wagon GL 3.8 v6 177463 miles AT replaced at 145000, all power duel air bags 3rd seat, runs and looks great \$3250 925-449-7388

2001 - Toyota, MR2 Spider, Silver w/blk conv top, 5sp, fully loaded, \$19,900 obo. 925-550-3809

2002 - Jeep Grand Cherokee Limited, V8, Loaded, 7800 miles, \$32K. Call after 6pm. 209-835-6380

2000 - Dodge Stratus SE- Great Cond. New tires, brakes, battery. Power door, window, seat. 10 disk CD-changer. Under transferable warranty. \$8000/OBO 209-678-2623

1992 - Oldsmobile 88 Royale Luxury Edition A/C, Leather, \$1,500. OBO 925-447-5052

1996 - Mercedes E-320 silver, Excellent Condition, leather, moon roof, dual air bags, 4-wheel abs, multi-compact CD, etc.... 81K miles, \$18,000. 925-831-9865

1997 - Jeep Cherokee sport,106k mi,Red w/grey interior,tinted windows,6cyl,at,mag rims,new tires.6,500.obo 925-783-5607

1985 - Pontiac Fiero GT. 4 Spd, 2.8L, 160K, \$500 As Is 209-952-5045

1993 - Volvo 850 GLT, sedan, red, 96k miles. Original owner, service records, runs good. \$4500 408-313-2599

2001 - Honda CRV SE. Silver excellent condition. 22k mi. Has everything. \$16,500 925-455-5702

1993 - GMC Jimmy 4.3 Ltr Vortec, AC, Pwr Everything, CD Player, Leather Interior, good tires and in good condition. 147,000 miles. \$2150.00 925-381-7395

2003 - GMC Yukon XL, Fully loaded, low miles, leather, AT,PS,CD/Cass, Bose speakers, PW,CC,Rear air, lumbar, heat seats, 3rd seat, \$33K OBO 925-361-5105

1994 - Chev. Suburban, 1500 Sport Utility, 5.7 Liter V-8, Four Wheel Drive, Leather Seats, Runs Great, Asking \$8,900.00. 209-845-9077

AUTOMOBILE ACCESSORIES

16 inch Wheels and Tires, four for the price of one, P245/75/R16, 80% tread, 6-bolt pattern, fits GMC/Chevy Suburban, Yukon, Tahoe, etc.- \$250 FIRM 925-455-6174

Micky Thompson Classic II rims for GMC 1/2 ton 15x10 polished aluminum. \$400.00 OBO. 925-625-2336

BF Goodrich A/T Tires, 6 lug P265-70-R16 plus Rims (4) \$150 OBO *Black Running Boards \$100 OBO All from a 2002 Toyota Tacoma 209-836-1665

BICYCLES

Boys 20 inch bike. Thruster model, 6 speed with front shocks and suspension shock. A couple years old but in good shape. \$75 209-823-4730

BOATS

1996 Magic 34ft.off-shore speed-boat; 200 hrs; twin 454 Magnum, V berth, sleeping, sink,couch,stereo CD, VHF radio. 40ft. triple axle trailer. \$79,950 925-634-9399

99 Skeeter SX186, fully loaded, 130 Yamaha, 2 Lowrance fish finders, ZX55 Motorguide, like new, teal metal flake/white/black \$12.5K/obo Must sell. 209-840-0166

ELECTRONIC EQUIPMENT

Altec Lansing Mic Mixer w/EQ & PA - \$250 OBO. Would consider donating to charity. 925-371-5203

Portable CD player with earphones and minispeakers, brand new, never opened. \$30. 925-447-8415

Linksys EtherFast Cable/DSL Router 10/100Mbps Model No.BEFSR11 ver2. Almost new in a box. 20\$ 510-728-4381

GIVEAWAY

Oak Benches that look like church pews, 7ft lg., desks, 15HP motor, chalkboard, metal racking, book-case, table, server case. 925-371-5203

Sauder corner entertainment center. Fits 27 inch TV. Light oak finish. 925-371-6665

Particle board, unused, two 4-ft x 8-ft sheets, 5/8-in thick, must take both, you haul. 925-447-5623

1972 Dodge Dart 4 Door!! Excellent body, not running, and interior needs work. Perfect project car. No Smog Required!! Located close to the lab. 925-455-0672

HOUSEHOLD

Freezer, Kenmore, 9 cf, like new, \$100; Antique oak table and 4 chairs, 42 inch round, 2 9.5 inch leaves, good condition, \$300 925-456-0503

Loft bed - kids study desk, several drawers & selves. good condition. \$350. 925-455-4666

A/C, 7000BTU, Goldstar, looks good, \$75 OBO, Doctor's scale \$30 OBO, Table & Chairs \$30 OBO 925-371-5203

24 inch Gas Log set. Excellent condition, only used once. Paid \$280, asking \$100 925-443-4413

Tan kitchen triple sink, under counter mount, like new, \$50.00 925-443-2271

Double Pane Windows-used, fits many Sunset homes with International Co. Alum frames. Six to choose from, \$2 each. 925-447-8415

Select Comfort sleep number bed. Queen size, 2 years old, like new. dual remote.paid \$1500 will sell for \$900. 925-449-9096

natural and propane gas grill \$20, pedestal tailgating/camping gas habachi \$5, microwave \$20, Century toddler car seat \$20, rafting inner tubes \$3ea 925-449-3165

Antique Thor Ringer washing machine \$100 1925 Tappan gas Stove, \$1000, 1950s Phillips 1004 multi band radio \$50 OBO. 209-838-6859

Kenmore washer and dryer extra capacity 70 series heavyduty (white).Bought new,in very good condition,only used for 6mos.500.00 for both 925-783-5607

Remington full-size 4-drawer Fire/Security Safe \$120. 925-249-1640

Cream colored leather love seat \$60.00/fair condition. Small green recliner \$20.00.Too much furniture & low on finances. 925-784-1291

Turn of the Century Buffet: quarter sawn oak, lead-cut glass doors, carved pedestal cabinet w/ lionis head & feet. Asking \$2,500/OBO. 925-551-8796

Trundle bed, blue metal frame. Excellent condition, Two twin mattresses \$100 Ob0. 925-455-4807

Push mower with grass catcher. Rarely used. Less than 2 years old. \$75 925-600-1817

Chest Freezer, 23 cu. ft., white, lockable, works great. \$60. 925-454-0330

MISCELLANEOUS

Fridge, 17cuft, white, over/under, \$75 OBO Fridge, 19cuft, white, side/side, \$100 OBO 925-371-5203

Kiva design chimnea (chimney/patio fireplace) still in box. Pd \$125.00 sell for \$75.00 Have pix. 925-709-1794

Older Beannie Baby collection. Make offer on all or part. 209-612-0231

Kenmore side by side refridgerator(white w/black trim) Water and ice dispenser w/light.Bought new at 1000.00 used for 1yr.A sale at 500.00 925-783-5607

Eucalyptus plants \$5 ea. fast growing. 925-447-6192

1982 Ultralight Marine Model Airplane. Vector 610. Great restoration project. \$1300 O.B.O. 925-606-5315

Baby Bjorn potty chair, Safety 1st folding booster seat, Dr. Seuss Toddler software, Playhut schoolbus, \$10 each. Gerry Potty chair, \$5. 925-454-0877

4 Dave Matthews Band tickets. Lawn seating, Friday August 1 at 7 pm, Shoreline Amphitheatre. \$50 each. includes parking. 925-682-2358

FisherPrice Toddler swing seat \$10, Radio Flyer tiny-trike ride-on \$10, Keyboard \$8, and more toddler/preschool toys. 925-454-0877

NEW!! Never Used. BRIGHTON Pompeii Pebble purse (chocolate colored). Has remained in its box since purchase. Paid- \$270.00 Sell- \$185.00. 209-832-0474

Used 12 ft 3-legged wooden picking or pruning ladders in good condition. \$20.00 each. 209-892-6993

Selling Two SF Giants Tickets for July 7 vs St. Louis Cardinals. Section LB112. Face value. Have more in August. 925-382-2918

MOTORCYCLES

2003 - YZ-125 Pro Taper Bars, Wr Connection Frame, Jetted, Excel Rims with Fly Stand. Perfect Condition - Only 5 Rides - \$4750, OBO 925-447-0546

2003 - YZ-250 Renthall Bars, FMF Fatty Pipe Work Connectin Frame, Jetted, Excel Rims, With Stand - Beautiful Bike - \$5,500 OBO 925-447-0546

1995 - Harley Davidson FLHT Electra-Glide 80in Blk/with alum polished motor,mag rims,cass stereo,hard bags,low mi,mfg rebuilt mtr. 13,500 925-783-5607

1993 - HONDA Shadow VT1100. Good conditon. 46K. \$3,000. 925-455-5702

MUSIC INSTRUMENTS

Piano. 1937 Story & Clark butterfly grand. All wood, good condition. You haul. \$1000. 925-447-5576

PETS & SUPPLIES

Adorable kittens, 2 mos old, litter box trained, 1 black and 1 calico 925-443-4413

RECREATION EQUIPMENT

Camping Tent - Canopy Style sleeps 2 - \$40. Ice Skates ladies, used twice, size 8.5 white - \$30. Mens size 10.5 black - \$30. . 925-447-8415

RIDESHARING

Express your commute, call 2-RIDE for more information or visit <http://www-r.llnl.gov/tsmp>.

Stockton - Drive/Ride in carpool to S-300 for the duration of a project for July thru August. 209-473-1727, ext. 2-9764

SERVICES

Thinking about buying or refinancing a home, I can help identify whether it is a good move or not. Call me at 800-803-3947

Drywall repair, wall paper removal and painting. No job too small! Call Enrique. 925-980-1302

Painting, Interior and exterior. Quality paint, Quality work. Neat and Clean. Free estimates. 925-447-0589

Child Care - New home in Tracy. Safe and loving environment. 209-832-3428

SHARED HOUSING

Pleasanton - Room for rent. Private bathroom plus kitchen and laundry privileges; utilities included, cable ready. No pets, smoking or drugs, \$550.00. 925-426-0675

livermore - Furnished room available for short-term stay. 5-min walk to West gate. Seperate bathroom, house privileges. \$650 includes utilities. Non-smoking. 925-449-0611

Livermore - furnished room for rent. Clean/quiet. \$550.00/month. Long term preferred. Share utilities 1/3. Deposit. Mature adult. 925-449-1128

Livermore - Upscale/Quite 3br/2.5ba THouse with FireP. Pool table Yard 2CarG & Com-Pool/Jacuzzi. We split rent \$900 925-449-0603

TRUCKS & TRAILERS

1995 - GMC Yukon, 4WD, 5.7L V-8, 150K Mostly Freeway Miles,

Cloth interior. Runs Great, \$8,800 OBO 925-833-8339

1998 - GMC sierra pickup,fully loaded,camper shell,carpet kit,tow package,white,like new cond.120kfreeway Mi.\$11,500 O.B.O. 209-599-7036

1970 - Utility trailer, flat bed, 12 inches dia. tires, \$50.00 925-443-2271

1989 Motorhome 24 foot Class C Mallard. Two ACs, generator, Thirty thousand miles. All records. \$10,500.00 925-484-3162

1977 - Suburban, 2 W/D,3/4 ton, 454 c.i., Auto. trans./engine/cool-er,dual exhaust,trailer wiring, chrome wheels, A/C not working. \$2,500.00 OBO. 209-823-4054

1990 - Chevy Silverado Sport, 5.7L, Auto, 1/2t, reg.cab, Flow Master Exh., Lumber rack, 206k miles, \$2400 O.B.O 925-846-9008

1987 - Mitsubishi Mighty Max Pick-up, 120K miles, good condition, runs great, license/smog renewed 6/1/03, \$1,300 925-443-7531

1990 - Chevy Blazer Silverado, full size, loaded, original owner, 97K miles. \$5500.00 925-634-9547

VACATION RENTALS

Squaw Valley - 5-Star Ski In/Out 1 bdrm condo available New Years week. Sleeps 4. Next to the new village. \$2,500 for entire week, including all fees. 925-240-5930

Maui, HI - Kahana Reef oceanfront 1BR/1BA condominium. Beautiful two-island view, oceanside pool, and BBQs. Low LLNL rates for year-round reservations. 925-449-0761

SOUTH LAKE TAHOE - 3 Bedroom 2 bath Chalet, nicely furnished, All amenities, Park w/ Lake, tennis etc. Great for family vacation! RESERVE NOW FOR SUMMER OPENINGS! 209-599-4644

Pinecrest - cabine (off Sonora Pass Road) 3 bdrm/2 bath, barbecue, pool table, large deck, & view up No. Fork of Tuolumne, \$195/wknd (Aug/Sept dates open). 925-449-5513

Lake Tahoe - Timeshare for rent July 4th week. 4 day min, \$90/day 925-829-5890

WANTED

Crazy From The Heart (1991) video, starring Christine Lahti and Ruben Blades, to borrow, rent, or purchase. Roberta 209-823-1664

Wanted. Used NOKIA cell phone,to be used as a spare. Nothing fancy. \$25 range. 209-548-9465

Wanted general handyman to prepare home in San Ramon for sale. Need someone ASAP for painting, intsall doors, floor molding, etc. 925-736-8604

HOT WHEELS from 60s, 70s, or 80s. will pay CASH, regardless of condition. Please Call 925-325-1123

Pool table wanted (pref. \$300 or less) and / or ping-pong table. 925-447-0363

Wanted: a recumbent exercise bike in good, working condition. 925-243-0728

Harvest Valley Church in Salida, CA is looking for an individual to drive a full size bus on Sundays in the AM. Call Anthony with leads or interest. 209-543-6349

I will buy old Direct-TV card. Do not throw card away when DTV sends new one. Sell me your card with football man on it. \$40 cash 925-321-3988

SYMPOSIUM

Continued from page 1

The registration deadline for this year’s symposium is Wednesday, July 16.

As University Relations director, much of Gilliom’s work centers on enhancing collaboration between LLNL and the universities and continuing effective relationships with the UC Office of the President and the UC campuses.

Admitting that her symposium involvement seemed like a natural fit, along with a way to achieve many objectives, Gilliom stated, “I feel deeply about the concept of networking opportunities at this Laboratory. I accepted the symposium co-chair position, because I felt I could utilize my particular role as the Lab’s University Relations Program Director, as well as provide some personal insight into organizing a technical conference.”

Building links with the UC community

Gilliom cites a major purpose of the symposium as “building links with the UC community,” adding that this is the perfect time for such an endeavor, in light of the current dialogue and self-reflection occurring within the University and the national labs.

The primary goal of the conference is to strengthen the role of LLNL professional women as members of the UC community, bringing together professional women from across the UC system — senior faculty, young faculty, research scientists, senior administrators and sister lab scientists and engineers — all potential collaborators with LLNL.

A secondary goal is to invite participants from the broader UC community to learn about contributions of LLNL women—in research, programmatic, and managerial areas. Gilliom hopes to enlist between 25–40 external attendees, including women from each of the ten UC campuses, the UC Office of the President, Los Alamos National Laboratory (LANL), and Lawrence Berkeley National Laboratory (LBNL).

Prior to determining the UC focus for the symposium, Gilliom distributed questionnaires to a subset of

Lab women, seeking their opinions on the value of, and proposed audience for, a technical conference. Gilliom learned much from her research, including some history behind LLNL’s women’s symposiums, spawned a decade ago, first as a purely technical conference, then as a broader conference showcasing Lab technical women’s accomplishments. The last was held in 2000.

The questionnaire feedback reflected interest in a 2003 women’s symposium, enough to make this year’s event a “go.” Many of this year’s conference principles will be based on the findings from the questionnaire. For instance, some who responded hoped a conference would offer a specific focus and present a better “return on investment,” lending value to the Lab community.

To such concerns, Gilliom replied, “We want the event to be purposeful, not just a ‘get together.’ We’re planning a highly interactive conference, this time around, with the majority of the attendees participating by spoken or poster presentations. It will be heavy on participation and networking, rather than audience focused, with a smaller number of attendees in a more informal environment.”

Gilliom’s hope is to model the symposium, in a broad sense, after the style of the “Gordon Conference,” a science-conference format first used by Dr. Neil Gordon of Johns Hopkins University in the 1920’s. This approach emphasizes intense informal discussions and free exchange rather than communication through large presentations.

Variety of tracks offered

Along with a plenary session, both days will offer three distinct topic areas or “tracks” led by session chairwomen from LLNL’s science, research, and man-



Laura Gilliom is leading this year's Women's Technical Symposium.

agement arenas. Each will organize sessions, drawing from external invited presentations and abstracts submitted by LLNL staff. The three session tracks include:

Track I. Science and Technology—intended to be technical, for an audience of experienced Ph.D./M.S. scientists and engineers. (Chairwomen: Lisa Stubbs, Claire Max, and Dona Crawford.)

Track II. Mission and Program—intended to be technical, for an audience with significant technical experience and interest in mission-oriented programs both at the Lab and within the University of California. (Chairwomen: Ellen Raber, Christine Hartmann-Siantar, and Melanie Elder.)

Track III. Management and Administration—intended to interest technical and administrative managers, who must

balance competing requirements to assure and maximize the success of their respective institutions and enterprises. (Chairwomen: Susan Houghton, Jan Tulk, Rokaya Al-Ayat, and Laura Gilliom.)

The symposium will be open to LLNL 200 series and 196/197 administrative series staff, regardless of gender. (A limited number of spaces will be reserved for attendees from other LLNL classifications, upon self-nomination or nomination by associate directors.) All attendees must pre-register. Attendance will be limited, in order to preserve a more participatory setting. All LLNL attendees are encouraged to submit abstracts for presentations and posters.

“I’m personally excited about this conference and to have this opportunity to meet professional women from across the UC system. I believe that my LLNL colleagues will share my energy in this regard,” Gilliom said.

For more information and to register, go to the Women’s Technical Symposium Website at wts.llnl.gov. Deadline for registration is July 16.

CGSR

Continued from page 1

global terrorism.

“The Palestinians in the ’60s and ’70s could not have succeeded and international terrorism become a major player in international relations without state sponsorship,” Schweitzer told employees.

The Palestinians operated terrorist enterprises with support from many Arab nations, while the Shiite extremists have been supported by Iran, Schweitzer said.

“It costs them almost nothing to support state-sponsored terrorism and is an efficient tool of policy if you want to achieve something,” he said, adding that the balance of the calculation needs to be changed.

Although Schweitzer cited both Syria and Iran as principal state sponsors of terror, he said Iran is the leader and that its use of terrorism is very sophisticated.

Most recently, Iran and its Hezbollah operatives have been less active, instead using training camps in Lebanon and Iran to improve the skills of their terrorists, he said.

The co-author of a book (“The Globalization of Terror”) due to be published next week in the U.S., Schweitzer outlined three phases of terrorism during the past four decades.

In the first phase, from the late 1960s to the early 1980s, non-religious Palestinian terrorist organizations, such as Black September and the Popular Front for the Liberation of Palestine, staged hijackings, took hostages, blew up airliners in the air and attacked airline check-in counters.

During the second phase, in the ’80s, the Shiite extremists joined in the terrorist movement with help from Iran and introduced suicide bombing attacks. In



the third phase, in the ’90s, the Afghan Alumni became the dominant group in the world terror ranks.

The Afghan Alumni, Schweitzer said, are the veterans of the 1979-89 war and the estimated 7,000 to 15,000 young recruits who went to Afghanistan from Muslim nations around the world.

The Muslim extremists involved in the Afghan war, in effect, later translated their victory into Islamic terms — that they defeated a Christian Empire (the Soviet Union) and superpower, causing its collapse, Schweitzer said.

Unemployed following the war, some soldiers returned to their native countries and joined local terrorist organizations. Others, noted Schweitzer, went to nations where Muslim minorities are fighting, such as in Chechnya.

Through a 1998 edict, Osama bin Laden established Al Qaida as a “roof organization” for other terrorist groups and later merged it with Egyptian Islamic Jihad, according to Schweitzer.

While Al Qaida affiliates conduct some terrorist operations on their own, other attacks are guided and directed by Al Qaida headquarters. Some “directly commanded” terrorist acts have included the attack by “Shoe Bomber” Richard Reid, the attack on a Mom-

“
If we handle these asymmetric attacks prudently, there is no doubt that we will prevail.
— Yoram Schweitzer”

bassa hotel and Israeli civilian aircraft, and the attack on a nightclub in Bali, Schweitzer said.

“Al Qaida participates in these operations by sending money through couriers. If Al Qaida wants to be directly involved they will send a specialist in bomb-making one month before the attack.”

In Schweitzer’s assessment, bin Laden wants to be an Islamic caliph ruling the world. “He won’t be satisfied until he’s killed or ruling the world.”

Today’s terrorists are now operating without restraints, he

said. “I don’t have any doubts that Al Qaida and its affiliates can still do many things.”

He warned that it is only “a matter of time” before shoulder-launched surface to air missiles are used to attack civilian passenger planes.

An Al Qaida ground-launched missile attack on an Israeli civilian aircraft in Mombassa in December, 2002, was not stopped by any technology, but by an “act of God,” missing the plane by about 1.5 seconds, Schweitzer said.

He identified two main goals of suicide attackers: expelling foreign military forces and obtaining political independence.

During the past two decades, the world has seen 400 suicide attacks carried out by more than 700 perpetrators from about 25 terrorist groups on four continents.

While suicide attacks are spreading to new areas, Schweitzer indicated that the phenomenon is not new, dating all the way back to the 11th to 13th centuries in Persia.

Considering the worldwide terrorism epidemic, he noted: “If we handle these asymmetric attacks prudently, there is no doubt that we will prevail.”

RETIREMENT

Continued from page 1

take short cuts. I'm going to miss him as a colleague and as a friend." Bernie Mattimore, currently deputy associate director for Plant Services, will stand in as acting associate director for Laboratory Services until a replacement for Hunt has been selected and is in place.

Mattimore has 40 years of experience in the business of facilities, maintenance, and infrastructure and joined the Laboratory in 1987. He also has held major leadership positions in Plant Engineering, including department head, where he was personally responsible for a variety of operational and organizational innovations that improved customer service, reduced costs to the institution, and improved the manner in which the Laboratory's maintenance budget is prioritized to meet key facility and infrastructure needs.

Mattimore has a bachelor's degree in engineering and applied physics from Harvard University. He has agreed to accept this responsibility through this interim period.

Hunt announced his retirement in March. He



Steve Hunt



Bernie Mattimore



Jeff Williams



Jens Mahler

joined the Laboratory in 1986 after a 20-year career with the Central Intelligence Agency (CIA). See the March 21 edition of *Newsline* for more on Hunt's career at the Lab.

In other retirement news, Acting Associate Director for Engineering Jens Mahler will be retiring today as well. Mahler delayed his retirement last year to serve as acting associate director but now can focus on his personal commitments.

"We are most grateful to Jens for assuring continuity of leadership in Engineering," Anastasio said. "In a distinguished career, Jens has made many contributions to Engineering's success and shown exceptional leadership at a time of rapid change for the Labo-

ratory."

Jeff Williams, currently deputy associate director for Mechanical Engineering, will resume the role of acting associate director for Engineering until a permanent associate director is selected and in place.

Williams has been at the Lab for more than 30 years and has held several leadership roles ranging from group leader to division leader to deputy associate director. Williams also has held a key programmatic assignment in NIF.

Williams has a bachelor's and a master's degree in mechanical engineering from UC/Davis.

Williams has agreed to accept this responsibility through this interim period.

EAST AVE.

Continued from page 1

tion. An interim truck inspection station serving both laboratories will also open at the east end of East Avenue when controlled access begins.

Controlled access to the East Avenue corridor will bring about some changes to public bus service to the laboratories. WHEELS buses will drop passengers at the turn-around area at the southeast corner of Vasco Road and East Avenue where they will transfer to lab shuttle buses. As with any vehicle, passengers will be checked for valid badge or access permit at the kiosk. During morning and afternoon commuter hours a shuttle bus will serve points along East Avenue, a service provided for both laboratories.

During regular, non-commute business hours, taxi service will be available by phone from the transfer drop-off/pick-up area.

WHEELS has announced that because of a route change the 20X express bus from the Dublin/Pleasanton BART station will no longer serve the Laboratory's east gate. However, the 20X bus will serve the new transfer area and stops on the west side of Vasco Road in the morning and east side of the road in the afternoon. The route will be changed in an effort to increase ridership on the return journey to BART in the mornings.

SMART vehicles, carrying a badged driver and personnel, will be allowed through portals at either end of East Avenue. Additional information on bus and shuttle schedules and routes will be published in *Newsline* and *NewsOnLine* as the time approaches.

In concurrence with the National Nuclear Security Administration, the labs have designated the area along East Avenue as the East Avenue Corridor Property Protection Area. Access will be limited to those with an official Sandia, LLNL, contractor, DOE or NNSA badge or those on an authorized access list. Those individuals authorized to add names of family members and visitors to the access list include:

- Employees holding a DOE/NNSA standard badge (Q, L or P).
- Cleared (Q or L) Lab and Sandia subcontractor employees.

Quick pick-up of access permits will be available at any of the vehicular lanes (kiosks) by people, such as those participating in LLESA-sponsored activities, who are already on the access list. Special self-expiring paper



JACQUELINE MCBRIDE/NEWSLINE

Construction progresses on East Avenue as the Security Protection kiosks are nearly complete at the southwest corner of the Lab. Controlled access is scheduled to start in mid-July.

badges will be issued for each visit. The kiosk will serve both Sandia and LLNL. An officer stationed at a larger "super-kiosk," located at the west portal, will work through the Badge Office to establish contact with an individual to properly authorize unannounced visitors.

For information about badging visitors for non-work related activities at LLNL, such as LLESA events or classes, call LLNL's East Avenue Badging Desk at 422-7455. Procedures for all work-related visits to LLNL are unchanged and must be made through the Westgate Badge Office, 2-0717.

When controlled access goes into effect, all truck delivery traffic for both labs will be routed to a truck inspection station at the east end of East Avenue near Greenville Road. Truck traffic will only be allowed to enter the labs from Greenville Road using the east end of East Avenue. A temporary inspection station will process delivery trucks until the permanent facility is completed in October.

LLNL Protective Force officers will operate the truck inspection station and Sandia security officers will staff the control point kiosks at each end of the East Avenue corridor.

Though discussed for 20 years, controlling access to East Avenue to enhance security became a high priority in the wake of the Sept. 11 terrorist attacks. The project to upgrade security and to control access to East Avenue was jointly developed by Sandia and LLNL.



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